

REMARKS

Enclosed herewith in full compliance with 37 C.F.R. §§ 1.821-1.825 is a Substitute Sequence Listing to be inserted into the specification as indicated above. The Substitute Sequence Listing in no way introduces new matter into the specification. Also submitted herewith in full compliance with 37 C.F.R. §§ 1.821-1.825 is a disk copy of the Substitute Sequence Listing. The disk copy of the Substitute Sequence Listing, file "2007-04-28 0760-0355PUS1.txt", is identical to the paper copy, except that it lacks formatting. In no way does the disk copy nor the paper copy of the Substitute Sequence Listing introduce new matter into the specification.

The specification is amended to properly identify each disclosed sequence with a corresponding SEQ ID NO. The Sequence Listing is amended to identify the present application by filing date and serial number and to correct matters of form. Furthermore, the primer sequences disclosed on page 18 of the specification have been added to the Substitute Sequence Listing as SEQ ID NOS: 7 through 10. No new matter is introduced by these amendments.

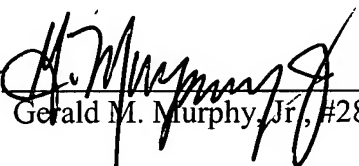
Application No. 10/580,567

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Date:
APR 30 2007


Respectfully submitted,

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GMM/TJS/af
0760-0355PUS1

 Attachments:

Disk Copy of Substitute Sequence Listing
Paper Copy of Substitute Sequence Listing
Copy of Notification of Missing Requirements

AMENDMENTS TO THE SEQUENCE LISTING

IN THE SEQUENCE LISTING

Please replace the Sequence Listing of record with the Substitute Sequence Listing enclosed herewith.